

WHAT IS CLAIMED IS :

1 – A broadband antenna with omnidirectional radiation comprising, perpendicular to an earth plane, a first circular or semicircular monopole, and
5 at least a second circular or semicircular monopole, the first and second monopoles being nested with respect to one another in such a way as to have a common diameter.

2 – Antenna according to Claim 1, wherein it comprises N circular
10 monopoles $N \geq 2$, the N monopoles being nested with respect to one another in such a way as to exhibit a common diameter.

3 – Antenna according to Claim 1, wherein the monopoles make equal angles between themselves.
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4 – Antenna according to claim 2, wherein the monopoles make equal angles between themselves.

5 – Antenna according to Claim 4, wherein the value of the angle
20 between two half-monopoles is equal to $180^\circ/N$ where N is the number of monopoles.

6 – Antenna according to Claim 1, wherein the monopoles are nested in such a way that the angles between two half-discs are unequal.
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7 – Antenna according to Claim 2, wherein the monopoles are nested in such a way that the angles between two half-discs are unequal.

8 – Antenna according to claim 1, wherein it further comprises a
30 reflector plane.

9 – Antenna according to claim 2, wherein it further comprises a reflector plane.